

ABSTRACT

A cache handoff system for managing cacheable streaming content requested by a mobile node within a network architecture is disclosed. The network architecture includes a first subnet and a second subnet. The cache handoff system includes a first caching proxy operable in the first subnet to supply a content stream in response to a request of the mobile node operable in the first subnet. In addition, the cache handoff system includes a second caching proxy operable in the second subnet. The first caching proxy may initiate a cache handoff of the request to the second caching proxy when the mobile node relocates to the second subnet. The second caching proxy may seamlessly continue to supply the requested content stream as a function of the cache handoff.